

SSOW – Work at height on Empty Container Handlers.

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Scope of Activity:	This safe system of work covers Forkway Engineers working at height on an Empty Container Handler. It does not cover the maintenance or repair activities being completed. This is covered by SSOW 001.
Applicable Risk Assessments:	RA 018 – Work at height on Empty Container Handlers. RA 003 – Work at height from a MEWP. RA 002 – Work at height from a ladder. RA 001 - Maintenance and repair internal combustion, electric, mains or generator powered materials handling and plant equipment.
Hazards Expected:	As identified in the applicable risk assessment.
Mandatory PPE:	Overalls Safety boots Nitrile gloves Safety glasses High visibility clothing (vest as minimum)
Additional PPE (as required):	Full body harness (EN 361 standard) Lanyard (EN 358 standard)
Resources:	Competent engineer (s) Barrier tape Mobile phone MEWP Ladders Ladder securing strap

Manning:

Field service engineer(s) reporting to an Engineering Manager who is responsible for providing information, instruction, supervision and ensuring that the engineers are suitably trained. In turn the Engineering Manager reports to the Regional Business Manager.

Engineers will take full responsibility for:

- Customer contact, authority to carry out the task, signing and implementing customer work permits and following customer site rules;
- Establishing with the customer and working in a safe area and environment;
- Ensuring that a risk assessment is in place, is suitable and sufficiently covers all hazards;
- Familiarising themselves with the equipment operator and maintenance manuals;
- Ensuring all maintenance and repairs are completed in accordance with the manufacturer's manual.

Safe Working Method:

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- Upon arrival on site, you must sign in where applicable and make contact with the designated site contact. You must ensure you have completed any necessary inductions and any permits to work or other documentation required by customer have been completed;
- Agree with the site contact a designated safe working area in which to carry out all operations:
- Ensure the equipment under repair is isolated to prevent it moving during the repair
 - Parked on firm level ground with park brake applied. Chock wheels if necessary;
 - Keys removed and kept in possession of engineer throughout entire task;
 - Do not use tag fitted;
 - Elevated components or ones that could move must be secured/ supported with chains, slings, blocks or similar to prevent unexpected movement;
- Work at height will be carried out using appropriate access equipment. Depending on the area of the equipment being worked on or the activity being undertaken, work will be completed from either the basket of a MEWP, from a ladder, from warehouse steps/ podium platforms, from a purpose built working platform or directly on areas of the main chassis/ frame of the Empty Container Handler that are designed for access (steps, cab, running boards, etc.);
 - Where work at height is completed using a MEWP, RA 003 and SSOW 003 will be followed for the safe operation of the MEWP;
 - Where work at height is completed using a ladder, RA 002 and SSOW 002 will be followed for the safe use of the ladder;
 - Where work at height is completed using warehouse steps/ podium platforms, RA 004 and SSOW 004 will be followed for the safe use of the warehouse steps/ podium platforms.
- Engineers must not work from the top of the hydraulic or diesel tanks due to the slip and trip hazards present.

Work on attachment:

- Where possible work on the spreader attachment will be completed from ground level. Where this is not achievable appropriate access equipment will be used, including either working from a MEWP, using warehouse steps/ podium platforms or using a ladder. The appropriate RA and SSOW must be followed for the particular access equipment used.

Work on engine/ transmission assembly or from areas of the main chassis/ frame that are designed for access (steps, cab, running boards, etc.):

- Low level maintenance should be completed from ground level where possible or from underneath the equipment;
- Some maintenance and repair will be carried out directly from areas of the main chassis/ frame that are designed for access (steps, cab, running boards, etc.);
- These areas should be accessed via the manufacturer's fitted steps/ walkway using 3 points of contact;
- Before any work at height from these areas, you must ensure that the work surface is suitable and free from any trip or slip hazards (oils, greases, liquids, ice/ snow etc.);

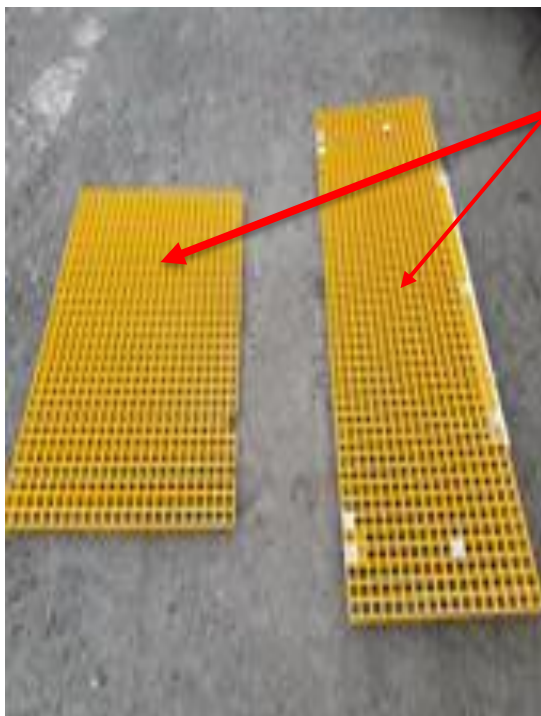
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- 3 points of contact must be maintained when working in these positions.
- Always position your body away from the edge and maintain a stable footing;
- If a stable and suitably footed position cannot be maintained do not proceed and contact line manager.

Work on the mast or carriage assembly:

- Engineers will access low levels of the mast or carriage assemblies from ground level wherever possible.
- Where this is not possible, engineers will use a working platform following the steps outlined in photos 1 to 21 below.
- Engineers will access high levels of the mast assembly via a MEWP following RA 003 and SSOW 003.

Photos:



1. Section 1
(longer section)
and section 2
(shorter section)
of stand on
platform.

2. Remove both of
these covers, to
allow the stand on
platform to be
fitted.

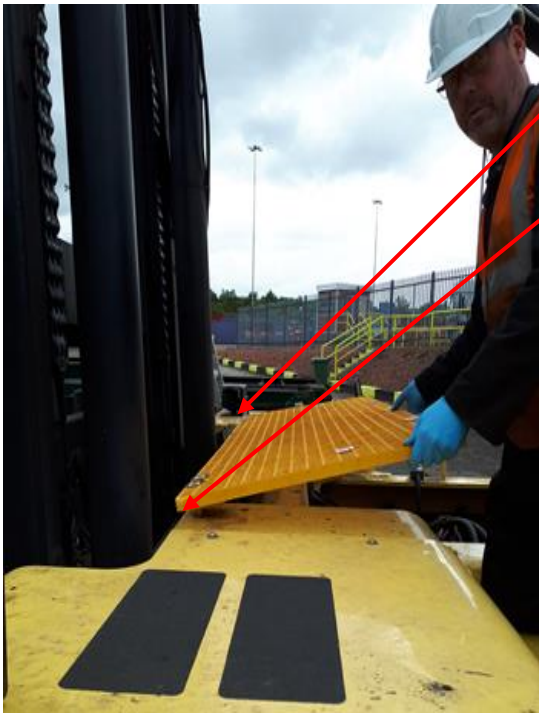


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3. Truck with both covers removed.

4. Engineer lifting section 1 of the stand on platform onto the wheel arch, to slide across into position.



5. Section one located into position, ensuring the 2 front brackets are hooked around the front of the wheel arch.

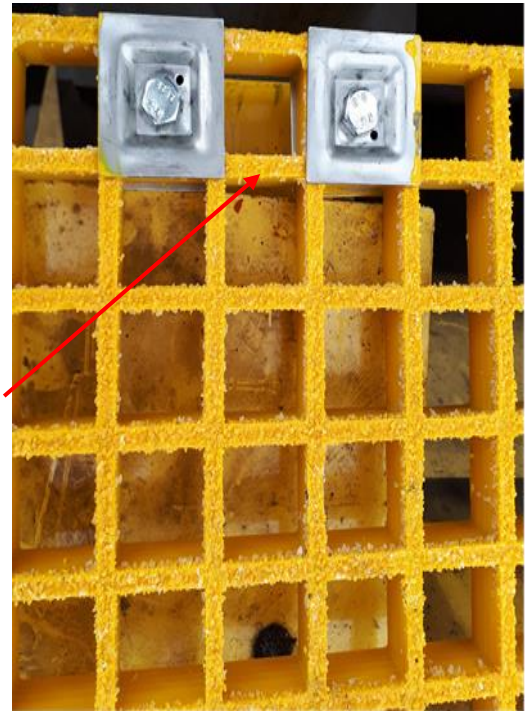
6. Section 1 front hook bracket, hooked around wheel arch.



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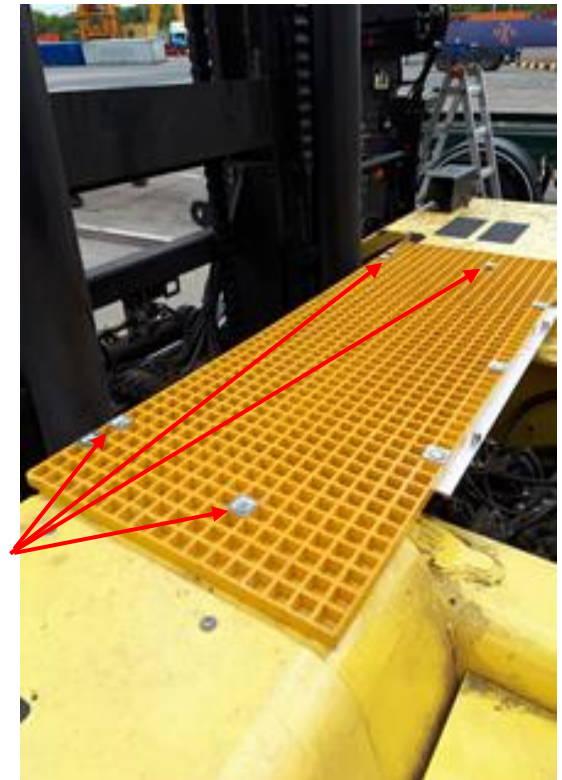
7. Section 1 front hook bracket **NOT** locked into position.



8. Section 1 front bracket, **IS** locked in position, hooked around wheel arch.

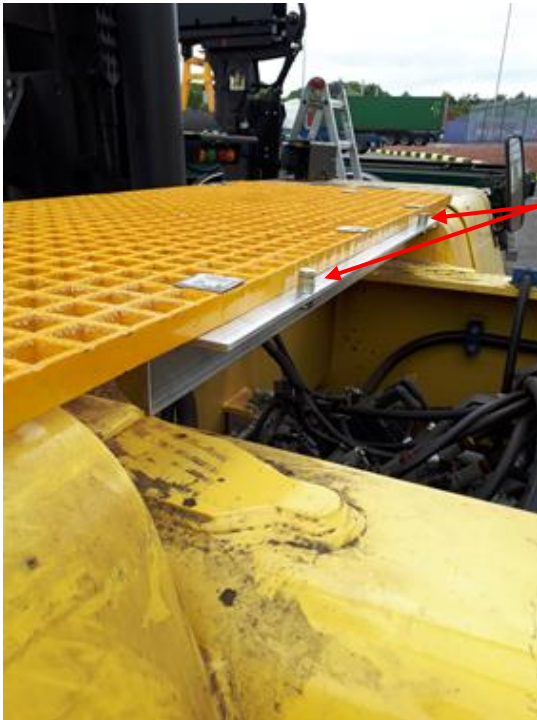


9. Locate the dowels on either side of section 1 into the holes on the top of the wheel arch on both sides of the truck.

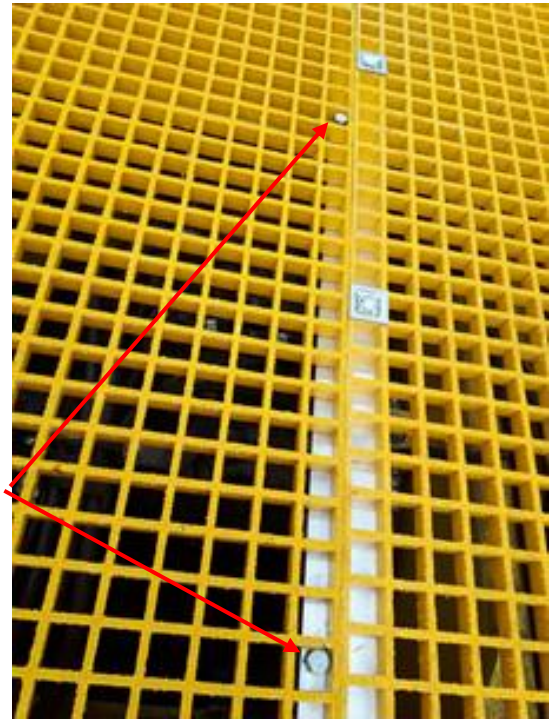


10. Section 1 is now in position and locked in place.

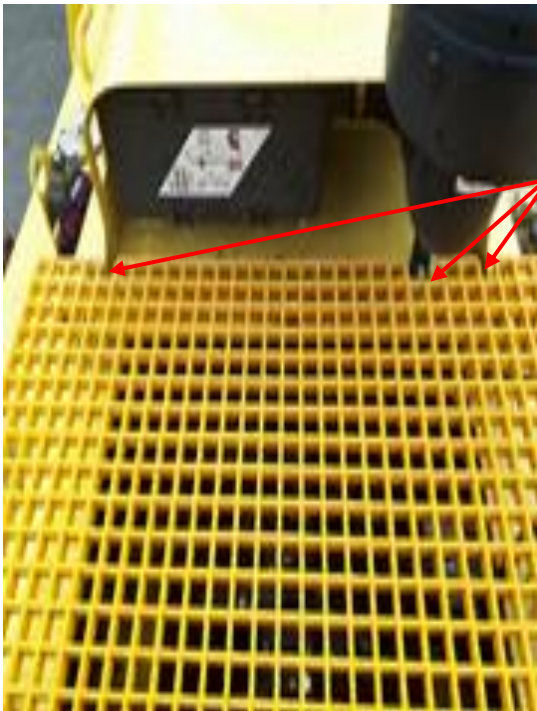
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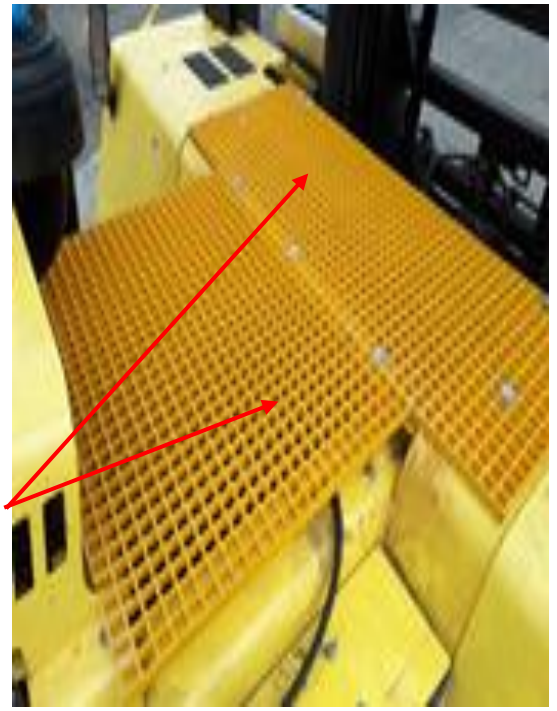
11. Section 2 can now be fitted into position, ensuring that the front grid holes of section 2 locate over the bolt heads on the aluminium plate.



12. Section 2 located into position, with front grid holes located over the bolt heads on the aluminium plate.



13. Section 2 in position with rear cut outs on platform located on engine cover.



14. Both sections 1 and 2 are now located and locked in the correct position.

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15. Access the platform via the front fender of the lift truck. This can be accessed via a MEWP or from a suitably secured ladder.

Ladder secured around front wheels.



16. A suitable strap should then be looped around the bottom mast cross member and looped through the end of the strap to secure in place.

17. Whilst wearing a suitable body harness with an adjustable lanyard, the karabiner should be secured to the strap on the mast cross member and secured.

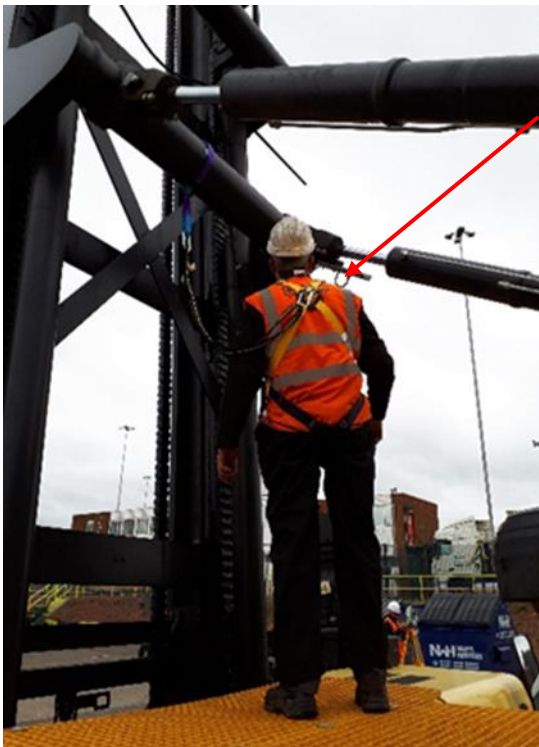


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18. Adjustable lanyard and karabiner secured to strap.

19. Body harness connected to an adjustable lanyard, with the karabiner secured to the strap on the mast cross member.



20. Only with the body harness in use and secured by the lanyard and karabiner to the mast cross member, can the platform now be used safely to stand on and work from.

21. The removal of sections 1 and 2, is the reversal of the steps above.

